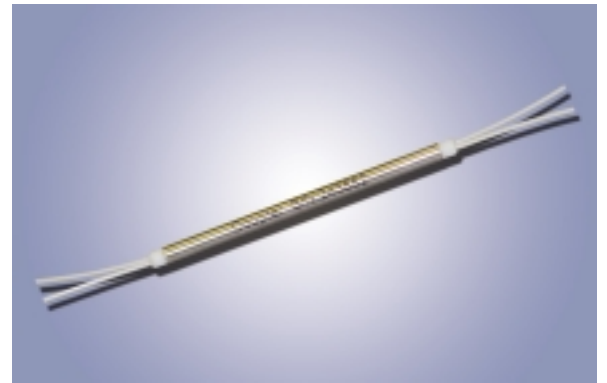




Opto-Link  
Corporation Ltd

## Single Mode Couplers

Single Mode Couplers are used to distribute optical signals between fibers. We offer various types of single mode coupler including standard couplers, polarization independent couplers, wavelength independent couplers and wavelength flattened couplers. These couplers are highly stable. They have low insertion loss, low polarization sensitivity and excellent uniformity.



### Types

- Single Mode **Standard** Couplers
- Single Mode **Polarization Independent** Couplers
- Single Mode **Wavelength Independent** Couplers
- Single Mode **Wavelength Flattened** Couplers

### Applications

- Long Haul Telecommunications
- Test Equipment
- CATV System
- Fiber Optic Sensors
- Network Monitoring
- LAN, WAN Systems
- Subscribers Loop

### Features

- Ultra Low Insertion Loss
- Ultra Low Polarization Sensitivity
- Dual-Window
- Various Coupling Ratio
- Wide Bandwidth
- Environmentally Stable
- Excellent Uniformity



Opto-Link  
Corporation Ltd

## SPECIFICATIONS

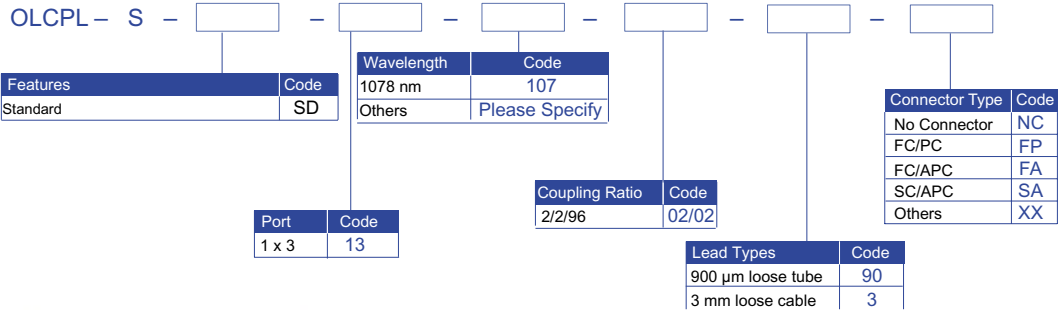
### Single Mode Couplers (1078nm)

Parameter		Values	Units
Operating Wavelength		1078	nm
Bandwidth		+/-10	nm
Coupling Ratio		2/2/96	%
Insertion Loss	Max	17.5/17.5/0.4	dB
PDL (tap/through port)	Max	0.1	dB
Typ. Excess Loss		0.15	dB
Thermal Stability		<0.003dB/°C over -5°C to +70°C	dB/°C
Directivity		>50	1x3
Fiber type		HI 1060 FLEX	--
Package Dimensions		dia 3x54	mm
Operating Temperature		-20 to +70	°C

\*Above specifications are for device without connectors.

\*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower.

## ORDERING CODES



■ Opto-Link Corporation Ltd. reserves the right to make changes to the products described herein without notice.

COPYRIGHT © 2002-2008 Opto-Link Corporation Ltd.

Tel: +852 2480-6106 Fax: +852 2480-1621 Email: [contact@optolinkcorp.com](mailto:contact@optolinkcorp.com) Website: [www.optolinkcorp.com](http://www.optolinkcorp.com)